DEFINITIVE DESIGN REFUSE-FIRED HEAT RECOVERY INCINERATOR

(MODULAR INCINERATORS - USE CEGS-11171)

INDEX OF DRAWINGS

SHEET NO.	TITLE	NORFOLK DISTRICT FILE NO.	SHEET NO.	TITLE	NORFOLK DISTRICT FILE NO.
1	COVER SHEET PLANT CAPACITY: 20 - 25 TONS/DAY PLANT CAPACITY: 40 - 50 TONS/DAY PLANT CAPACITY: 60 - 75 TONS/DAY PLANT CAPACITY: 80 - 100 TONS/DAY	†			
2	PLANT CAPACITY: 20 - 25 TONS/DAY				
3	PLANT CAPACITY: 40-50 TONS/DAY				
4	PLANT CAPACITY 60-75 TONS/DAY				
5	PLANT CAPACITY: 80-100 TONS / DAY				
6	TYPICAL SECTIONS TYPICAL SECTIONS			,	
7	TYPICAL SECTIONS				
8	TYPICAL DETAILS TYPICAL DETAILS	ļ			<u> </u>
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MATERIALS

BRICK WOOD

WOOD

GSU & CT

RETE MISULAT

METAL IN SECTION

DETAIL SYMBOLS

DETAIL OR SECTION IDENTIFICATION NUMBER
SHEET ON WHICH DETAIL OR SECTION IS DRAWN

_SHEET FROM WHICH DETAIL OR SECTION IS TAKEN

ABBREVIATIONS

	CHOR BOLT, AUGER BORING	-	COPPER	4 WAY	FOUR WAY	LC	LEAD COVERED	PS	PULL SWITCH	T	TILE, TOP, TANGENT		E, WATER, WATT, WEST
	BREAK SWITCH	CP	NONREINFORCED CONCRETE PIPE	FPH	FROST PROOF HYDRANT	LL	LIVE LOAD	PSI	POUNDS PER SQUARE INCH	T&B	TOP AND BOTTOM	W/ WITH	
	CONDITIONING, ASBESTOS CEMENT,	CR	CEILING REGISTER	FPM	FEET PER MINUTE	LLH	LONG LEG HORIZONTAL	PT	POINT, POINT OF TANGENT	TC	TOP OF CURB	W/O WITHOUT	
	PHALTIC CONCRETE	CSK	COUNTER SUNK	FR	FRAME	LLV	LONG LEG VERTICAL	PVC	POINT OF VERTICAL CURVE, POLY VINYL CHLORI	DE TEL	TELEPHONE	WE WET BULB	
ACB AIR	CIRCUIT BREAKER	CT	CERAMIC TILE, CURRENT TRANSFORMER	FS	FULL SIZE	LT	LIGHT	PVI	POINT OF VERTICAL INTERSECTION	TEMP	TEMPERATURE, TEMPORARY	WC WATER CLOS	ET
CSR ALL	UMINUM CONDUCTOR STEEL REINFORCED	CTR	CENTER	FT	FOOT, FEET	LAV	LAVATORY	PVT	POINT OF VERTICAL TANGENT	TERM	TERMINAL	WD WIDTH, WIND	OW DIMENSION
CST ACC	OUSTIC	CW	COLD WATER	FTG	FOOTING			PSF	POUNDS PER SQUARE FOOT	3/C	THREE CONDUCTOR	WL WATER LEVE	
	EA DRAIN	CWB	CAPILLARY WATER BARRIER	FJ	FELT JOINT	MACH	MACHINE	. •.	TOMOS TEN SCORIE TOOT	3/P	THREE POLE	WP WATERPROOF	, WEATHERPROOF
DJ ADJ	JUSTABLE		CONTRACTION		7227 40147	MAS	MASONRY	QT	QUARRY TILE	3 WAY			K, WATER SURFACE, WATERSTOP
	TERNATE			GA	GAGE	MATL	MATERIAL	•	4041111 1122	TH	TOTAL HEAD (PUMPS)	WT WEIGHT	,
	UMINUM	D	DEPTH, DEEP, DEGREE OF CURVATURE	GALV	GALVANIZED	MAX	MAXIMUM				D THRESHOLD	WWM WELDED WIR	E MERU
	PERE	DB	DRY BULB, DECIBEL, DIRECT BURIAL			maa.		_		THRU		WWW WELDED WIN	E MEST
•	CESS PANEL	DET	DETAIL	GL	GLASS	MBH	THOUSAND BTU PER HOUR	K	RADIUS, RISER, RUBBER SHEATH		THROUGH		
PPROX APP				G PM	GALLONS PER MINUTE	MECH	MECHANICAL	RA	RETURN AIR	TP	TEST PIT	XFMR TRANSFORME	-
		DH	DRILL HOLE	G₹	GRADE	MET	METAL	RAD	RADIUS	TR	TOP REGISTER		
	CHITECTURAL	DIA	DIAMETER	GRD	GROUND	MH	MANHOLE	RCP	REINFORCED CONCRETE PIPE	TS	TOP OF STEEL, TOP OF STONE, TOP OF SLAB	X-STR EXTRA STREE	NGTH
	RESTOR	DIM	DIMENSION	GSU	GLAZED STRUCTURAL UNIT	MIN	MINIMUM	RD	ROOF DRAIN, ROAD	TW	TOP OF WALL		
	PHALT	DL	DEAD LOAD	GW	GROUND WATER	MISC	MISCELLANEOUS	RECP	RECEPTACLE	TYP	TYPICAL	2:I SLOPE 2 HORIZONTA	I TO I VESTICAL
WG AME	ERICAN WIRE GAGE	DMPR	DAMPER	GYP	GYPSUM	MO	MOTOR OPERATED, MASONRY OPENING	RED	REDUCING				E IV I TENTIONE
		DN	DOWN		•	MP	MEDIUM PRESSURE	REINF	REINFORCEMENT			ION 2 I VERTICAL O	N 2 HORIZONTAL
		DO	DITTO			MTD	MOUNTED	REG	REGULATOR, REGISTER	UG	UNDERGROUND	SLOPE	***************************************
D BOA	ARD	D PNL	DISTRIBUTION PANEL	H, HGT	HEIGHT	MTG	MOUNTING	REQD	REQUIRED	UH	UNIT HEATER	△ DEFLECTION	ANGI F
HP BRA	AKE HORSEPOWER	DS	DOWNSPOUT		HOSE BIBB	MWP	MEMBRANE WATERPROOFING	REV	REVISION	U	VIII NEATER		
	ILDING	DWG	DRAWING	HD	HARD DRAWN	MWF	MEMBRANE WATERPROOFING	NE V	ROOF				
	OCK	DWD	DRINKING WATER DISPENSER			••	NORTH	Mr.					
M BEA		DWD.	DRINKING WATER DISPENSER	HDW	HARDWARE	N		RI	RUBBER INSULATED	V.	VENT, VOLT, VALVE		
			54011	HGSW	HORN GAP SWITCH	NC	NON CORROSIVE	RL	RAIN LEADER	VAC	VACUUM		
	TTOM	EA	EACH	HORIZ	HORIZONTAL	NDC	NOSE DOWN CURB	RM	ROOM	V ASB	VINYL ASBESTOS		
	TTOM REGISTER	EAT	ENTERING AIR TEMPERATURE	HP	HORSEPOWER, HIGH POINT	NEUT	NEUTRAL	RPM	REVOLUTIONS PER MINUTE	VC	VARNISH CAMBRIC, VITRIFIED CLAY		
	SEMENT	EC	EMPTY CONDUIT	HR	HOUR	NIC	NOT IN CONTRACT			VCP	VITRIFIED CLAY PIPE		
TU BRI	TISH THERMAL UNIT	EF	EACH FACE	HS	HIGH STRENGTH	NO	NUMBER	\$	SOUTH	VENT	VENTILATING		
		EL	ELEVATION	HW	HOT WATER, HEADWALL	NOM	NOMINAL	SAN	SANITARY SEWER	VERT	VERTICAL		
RS STA	AINLESS STEEL	ELEC	ELECTRIC	HWL	HIGH WATER LEVEL	NTS	NOT TO SCALE	SATC	SUSPENDED ACOUSTICAL TILE CEILING	VEST	VESTIBULE		
AP CAP	PACITY	EMT	ELECTRICAL METALLIC TUBING	HVY	HEAVY			SCH	SCHEDULE	vs	VENT STACK		
C CEN	NTER TO CENTER	EMER	EMERGENCY	HZ	HERTZ			\$D	SPLITTER DAMPER, STORM DRAIN	VTR	VENT THRU ROOF		
	MENT	EQ	EQUAL	n2	HERIZ	0.4	OUTSIDE AIR	SECT	SECTION	***		101	
	BIC FEET PER MINUTE	EQUIP	EQUIPMENT			0.4					SIGNATURES AFFIXED BELOW INDICATE OF	FICIAL O	
	ST IRON			ID	INSIDE DIAMETER, INSIDE DIMENSION	oc	ON CENTER	SERV	SERVICE		RECOMMENDATION AND APPROVAL OF ALL	DRAW- [()	
		EVAP	EVAPORATIVE	IN	INCH	OCB	OIL CIRCUIT BREAKER	SH	SHEET		INGS IN THIS SET AS INDICATED ON INDEX OF DRA	WINGS.	
	ST IRON PIPE	EW	EACH WAY	INT	INTERIOR	OD	OUTSIDE DIAMETER	ł PH	SINGLE PHASE			- 1 1 1	
	CULATING	EWC	ELECTRIC WATER COOLER	INSUL	INSULATION, INSULATED	OPNG	OPENING	SKCP	SUSPENDED KEENE'S CEMENT PLASTER		RECOMMENDED.		
	NTROL JOINT	EXH	EXHAUST	INV	INVERT	OPP	OPPOSITE	\$L	SLOPE		PROJECT MANAGER	, IOI I	
	CUIT	EXIST	EXISTING			OSD	OPEN SITE DRAIN	SMH	SANITARY MANHOLE		PROJECT MANAGER	REV. DATE	DESCRIPTION
CEN	NTERLINE	EXP	EXPANSION, EXPOSED			OVHD.	OH OVERHEAD	SP	STATIC PRESSURE, SINGLE POLE		APPROVED	MEV. DATE	DESCRIPTION
.G CEII	LING	EXP JT	EXPANSION JOINT	JB	JUNCTION BOX			SPC	SUSPENDED PLASTER CEILING		Carl S. Andwar X PE		DEPARTMENT OF THE ARM
. CLE	EAR	EXT	EXTERIOR	JC	JANITOR CLOSET			SPDT	SINGLE POLE, DOUBLE THROW		CHIEF, DESIGN BRANCH		NORFOLK DISTRICT, CORPS OF ENG
	RRUGATED METAL PIPE		EAST	JCT	JUNCTION	D	PIPE	SPEC	SPECIFICATION		APPROVED		NORFOLK, VA.
	RRUGATED METAL PIPE ARCH			JT	JOINT	PR	PULL BOX	SPST	SINGLE POLE, SINGLE THROW		1 ~ /	DESIGNED	DESILUTIVE DEGICA:
	NCRETE MASONRY UNITS	F	FAHRENHEIT. FIRE				POINT OF INTERSECTION	\$0	SQUARE		CHUT. ENGINEERING OUTSION	KAC/JA	DEFINITIVE DESIGN
	NDUIT	FABX	FIRE ALARM BOX	JST	JOIST	PI		50 \$7	* *		CHUF, ENGINEERING DUISION		REFUSE-FIRED HEAT RECOVERY INCINERA
•	NDENSATE					PIV	POST INDICATOR VALVE	•	STREAM, SINGLE THROW, STREET, STEAM		APPROVED!	DRAWN:	
		FD FDN	FLOOR DRAIN, FIRE DAMPER	KCP	KEENE'S CEMENT PLASTER	PJF	PREFORMED JOINT FILLER	STA	STATION		frombols bluken.	JA	(MODULAR INCINERATORS - USE CEGS-11171)
	EANOUT	FDN	FOUNDATION	ко	KNOCK OUT	PL	PLATE	STD	STANDARD		COLONEL, CORPS OF ENGINEERS, DISTRICT ENGINEER	CHECKED	
	EANOUT W/ DECK PLUG	FDR	FEEDER	ΚV	KILOVOLT	PLAS	PLASTER	STL	STEEL		APPROVED FOR	KAC	
	LUMN	FFE	FINISHED FLOOR ELEVATION	KVA	KILOVOLT - AMPERE	PLNJ	PAPER AND LEAD NEOPRENE JACKET	SUP	SUPPORT		i		J COVED OVEET
	NCRETE	FH	FIRE HYDRANT	KW	KILOWATT	PLY WD	PLYWOOD	SUSP	SUSPENDED		ı	SUBMITTED	COVER SHEET
OND CON	NDUCTOR	FHC	FIRE HOSE CABINET		•	PNL	PANEL	\$W	SWITCH			The San	
ONN CON	NNECTION	FIG	FIGURE				PRELIMINARY	SWED	SWITCHBOARD		1	700	TO ACCOMPANY SPECIFICATION NO. IPROJECT NO.
	NSTRUCTION	FIN	FINISH		LOUVER, LENGTH, LENGTH OF CURVE	PRESS		SWGR	SWITCHGEAR			SCALE:	
	NTINUOUS		FLOOR, FLASHING		•			3#41	VAVVERN		i		PRAWING NO.
	NVERTER		FLUORESCENT	LA	LIGHTNING ARRESTOR	PRIM	PRIMARY				DATE	DATE MAY IS	984 DE 333- '-01
214A COM	TYEN I EN	FLUUR	LUUNESUENI	LBS	POUNDS	PRV	PRESSURE RELIEF VALVE				•	1 1414-1 13	